

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore**  
RELEASE 1.4

Welcome  
United States Patent and Trademark  
Office

Help FAQ Quick Links » **Search Results**

Terms IEEE  
Peer Review

Welcome to IEEE Xplore!

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **31** of **945031** documents.A maximum of **31** results are displayed, **15** to a page, sorted by **Relevance** in **descending** order.

You may refine your search by editing the current search expression or entering a new one in the text box.

Then click **Search Again**.

power &lt;and&gt; failure &lt;and&gt; machine &lt;and&gt; preventing &lt;or&gt; protection &lt;and&gt; damage

**Search Again****Results:**Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****16 Instantaneous stator power as a medium for the signature analysis of induction motors***Legowski, S.F.; Sadrul Ula, A.H.M.; Trzynadlowski, A.M.;*

Industry Applications Conference, 1995.  
Thirtieth IAS Annual Meeting, IAS '95.,  
Conference Record of the 1995 IEEE ,  
Volume: 1 , 8-12 Oct. 1995  
Page(s): 619 -624 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(1480 KB\)\]](#)  
**IEEE CNF**

**17 Environmental qualification of insulation systems for nuclear applications**

*Dymond, J.H.; Hare, W.W.;*  
Electrical Electronics Insulation  
Conference, 1995, and Electrical  
Manufacturing & Coil Winding  
Conference. Proceedings , 18-21 Sept.  
1995  
Page(s): 675 -679

[\[Abstract\]](#) [\[PDF Full-Text \(708 KB\)\]](#)  
**IEEE CNF**

**18 The application of conductive and semi-conductive corona protection**

**tapes to VPI'ed high voltage stator coils***Emery, F.T.;*

Electrical Electronics Insulation Conference, 1995, and Electrical Manufacturing & Coil Winding Conference. Proceedings , 18-21 Sept. 1995

Page(s): 399 -403

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#)

**IEEE CNF**

---

**19 Experiences learned from the on-line internal monitoring of the behaviour of a transformer***Sanz-Bobi, M.A.; Garcia-Cerrada, A.; Palacios, R.; Villar, J.; Rolan, J.; Moran, B.;*

Electric Machines and Drives Conference Record, 1997, IEEE International , 18-21 May 1997

Page(s): TC3/11.1 -TC3/11.3

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#)

**IEEE CNF**

---

**20 Power controller for mobile application***Baggini, B.; Becker, R.; Schroder, H.-U.; Burdinski, R.; Simon, M.;*

Circuits and Systems, 1999. 42nd Midwest Symposium on , Volume: 2 , 8-11 Aug. 1999

Page(s): 588 -591 vol. 2

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#)

**IEEE CNF**

---

**21 Critical states in generating mode of switched reluctance machines***Menne, M.; Inderka, R.B.; De Doncker, R.W.;*

Power Electronics Specialists Conference, 2000. PESC 00. 2000 IEEE 31st Annual , Volume: 3 , 18-23 June 2000

Page(s): 1544 -1550 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(776 KB\)\]](#)  
**IEEE CNF**

---

**22 Self excitation of induction motors compensated by permanently connected capacitors and recommendations for IEEE Std 141-1993**

*Ermis, M.; Calir, Z.; Cadirci, I.; Zenginobuz, G.; Tezcan, H.;*  
Industry Applications Conference, 2000.  
Conference Record of the 2000 IEEE ,  
Volume: 5 , 8-12 Oct. 2000  
Page(s): 3135 -3145 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(808 KB\)\]](#)  
**IEEE CNF**

---

**23 Distinguishing between specific deterioration phenomena in stator windings and cross coupled PD**

*Fenger, M.; Goodeve, E.; Warren, V.;*  
Electrical Insulation and Dielectric Phenomena, 2000 Annual Report  
Conference on , Volume: 2 , 15-18 Oct. 2000  
Page(s): 582 -586 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#)  
**IEEE CNF**

---

**24 The side effects of gassing in transmission power transformers**

*Sabau, J.; Stokhuyzen, R.;*  
Electrical Insulation and Dielectric Phenomena, 2000 Annual Report  
Conference on , Volume: 1 , 15-18 Oct. 2000  
Page(s): 264 -267 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#)  
**IEEE CNF**

---

**25 Harmonic losses in LCI fed synchronous motors**

*Emery, R.; Eugene, J.;*

Petroleum and Chemical Industry  
Conference, 2001. IEEE Industry  
Applications Society 48th Annual ,  
24-26 Sept. 2001  
Page(s): 289 -295

[\[Abstract\]](#) [\[PDF Full-Text \(1053 KB\)\]](#)

**IEEE CNF**

---

**26 Analysis of three-phase induction  
machine operation under two-phase  
supply**

*Schreier, L.; Chomat, M.; Klima, J.;*  
Industrial Technology, 2002. IEEE ICIT  
'02. 2002 IEEE International Conference  
on , Volume: 1 , 11-14 Dec. 2002  
Page(s): 107 -112 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#)

**IEEE CNF**

---

**27 The industrial application of  
phase current analysis to detect  
rotor winding faults in squirrel cage  
induction motors**

*Rankin, D.R.;*  
Power Engineering Journal [see also  
Power Engineer] , Volume: 9 Issue: 2 ,  
April 1995  
Page(s): 77 -84

[\[Abstract\]](#) [\[PDF Full-Text \(672 KB\)\]](#)

**IEEE JNL**

---

**28 Survey of failure of surge  
protective capacitors and arresters  
on AC rotating machines report by  
working group 3.4.9 of surge  
protective devices committee**

*Jackson, D.W.;*  
Power Delivery, IEEE Transactions on ,  
Volume: 4 Issue: 3 , July 1989  
Page(s): 1725 -1729

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#)

**IEEE JNL**

---

**29 Reliability improvement and economic benefits of online monitoring systems for large induction machines**

*Siyambalapitiya, D.J.T.; McLaren, P.G.;*  
Industry Applications, IEEE Transactions  
on , Volume: 26 Issue: 6 , Nov.-Dec.  
1990  
Page(s): 1018 -1025

[\[Abstract\]](#) [\[PDF Full-Text \(692 KB\)\]](#)  
**IEEE JNL**

---

**30 Instantaneous power as a medium for the signature analysis of induction motors**

*Legowski, S.F.; Sadrul Ula, A.H.M.;*  
*Trzynadlowski, A.M.;*  
Industry Applications, IEEE Transactions  
on , Volume: 32 Issue: 4 , July-Aug.  
1996  
Page(s): 904 -909

[\[Abstract\]](#) [\[PDF Full-Text \(1152 KB\)\]](#)  
**IEEE JNL**

---

[\[Prev\]](#) [1](#) [2](#) [3](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)  
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)  
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

WEST

Help

Logout

Interrupt

[Home](#) | [New Search](#) | [Posting Limits](#) | [Contributors](#) | [Help](#) | [About](#) | [Privacy](#) | [Link](#)

## Search Results -

Terms	Documents
(motor or rotat\$) same machine same control\$4 same synchron\$6 same (slow\$4 or decelerat\$ or reduce\$) with (stop or shut or disconnect\$ or standstill)	33

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L29

Refine Search

Recall Text

Clear

## Search History

DATE: Friday, June 27, 2003   [Printable Copy](#)   [Create Case](#)Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=ADJ

<u>L29</u>	(motor or rotat\$) same machine same control\$4 same synchron\$6 same (slow\$4 or decelerat\$ or reduce\$) with (stop or shut or disconnect\$ or standstill)	33	<u>L29</u>
<u>L28</u>	brak\$4 same machine same control\$4 same synchron\$6 same (slow\$4 or decelerat\$ or reduce\$) with (stop or shut or disconnect\$ or standstill)	10	<u>L28</u>
<u>L27</u>	brak\$4 same roat\$ near machine same control\$4 same synchron\$6 same (slow\$4 or decelerat\$ or reduce\$) with (stop or shut or disconnect\$ or standstill)	0	<u>L27</u>
<u>L26</u>	machine\$1 or print\$ near machine or print\$4 near press or printer)and (prevent\$ or protect\$)and (damage or malfunction or failur or defect\$) and (power or energy) and synchron\$6 and motor\$1 and control\$4 and (rotor\$ or motor) same sysnchron\$6 same ((slow\$ or decelerat\$) with (stop or shut)	0	<u>L26</u>
<u>L25</u>	machine\$1 or print\$ near machine or print\$4 near press or printer)and (prevent\$ or protect\$)and (damage or malfunction or failur or defect\$) and (power or energy) and synchron\$6 and motor\$1 and control\$4 and	0	<u>L25</u>

	(rotor\$ or motor) same synchron\$6 same ((slow\$ or decelerat\$) with (stop or shut)		
	machine\$1 or print\$ near machine or print\$4 near press or printer) same (prevent\$ or protect\$) same (damage or malfunction or failur or defect\$)		
<u>L24</u>	same (power or energy) and synchron\$6 and motor\$1 and control\$4 and (rotor\$ or motor) same synchron\$6 same ((slow\$ or decelerat\$) with (stop or shut)	0	<u>L24</u>
<u>L23</u>	(machine\$ or printer) same synchron\$ with motor\$1 with control\$4 with (slow\$ or decelerat\$) with (stop or shut)	5	<u>L23</u>
<u>L22</u>	(machine\$ or printer) same synchron\$ with motor\$1 with control\$4 with (slow\$ with stop)	2	<u>L22</u>
<u>L21</u>	printer and synchron\$ with motor\$1 with control\$4 with power same (slow\$ with stop)	0	<u>L21</u>
<u>L20</u>	printer and synchron\$ with motor\$1 with control\$4 with power	45	<u>L20</u>
<u>L19</u>	printer and synchron\$ and motor\$1 and control\$4 and power	8190	<u>L19</u>
<u>L18</u>	((361/243 )!.CCLS. )	92	<u>L18</u>
<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>			
<u>L17</u>	(4737887  5566042  5847945  5939993)! [pn]	4	<u>L17</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L16</u>	6437963.pn.	1	<u>L16</u>
<u>L15</u>	6437963.pn. and reduce\$	1	<u>L15</u>
<u>L14</u>	(synchron\$ or simultaneous or harmonics) near4 operation and (power or energy) near (failure or damage) and circuit near break\$4	87	<u>L14</u>
<u>L13</u>	(power or energy) near failure and circuit near break\$4 and (two or plurality) near control\$4 with (two or plurality) near2 motor\$4	4	<u>L13</u>
<u>L12</u>	event near4 (power or energy) near failure and circuit near break\$4 and (two or plurality) near control\$4 and (two or plurality) near2 motor\$4	4	<u>L12</u>
<u>L11</u>	event near4 (power or energy) near failure same (prevent\$4 near4 damage) and circuit near break\$4 and (two or plurality) near control\$4 and (two or plurality) near2 motor\$4	0	<u>L11</u>
<u>L10</u>	dirve\$ near motors near4 drive near controllers	0	<u>L10</u>
<u>L9</u>	(machine\$1 or print\$ near machine or print\$4 near press or printer) and (reduce\$ or slow\$) near (disconnect\$ or shut\$ or off or stop) near4 (energy or power or break)	194	<u>L9</u>
<u>L8</u>	(machine\$1 or print\$ near machine or print\$4 near press or printer) and (reduce\$ or slow\$) near (disconnect\$ or shut\$ or off or stop) same (energy or power or break)	590	<u>L8</u>
<u>L7</u>	(machine\$1 or print\$ near machine or print\$4 near press or printer) and (reduce\$ or slow\$) near4 (disconnect\$ or shut\$ or off or stop) same (energy or power or break)	2146	<u>L7</u>
<u>L6</u>	(machine\$1 or print\$ near machine or print\$4 near press or printer) same (prevent\$ or protect\$) same (damage or malfunction or failur or defect\$) same (power near supply or energy)and detect\$	233	<u>L6</u>
<u>L5</u>	(machine\$1 or print\$ near machine or print\$4 near press or printer) same (prevent\$ or protect\$) same (damage or malfunction or failur or defect\$) same (power near supply or energy) and control\$ and monitor\$ and motor and detect\$ and ((reduced near4 disconnect\$4) or (slow\$4 near4	3	<u>L5</u>

	disconnect\$4) or (slow\$ near4 stop) or (slow\$ near4 shut\$) or (reduced near4 shut\$))		
<u>L4</u>	L3 and (real time or presen\$4) and (synchron\$6 or together or sequen\$ or parall\$ or simultane\$) same (operat\$ or brak\$) same (slow\$ or reduce\$) same (shut or off or standstill)	14	<u>L4</u>
<u>L3</u>	L2 and (real time or presen\$4) and (synchron\$6 or together or sequen\$ or parall\$ or simultane\$)	230	<u>L3</u>
<u>L2</u>	L1 and drive near motor and power supply and control\$4	280	<u>L2</u>
<u>L1</u>	control\$4 and monitor\$4 and (failur or fault or damage or malfunction) same (privent\$ or protect\$) and machine and motor and rotat\$4	1485	<u>L1</u>

END OF SEARCH HISTORY